

Hollinger Public Blast Report



PORCUPINE GOLD MINES

Blast Pattern: 3364_080
Date: 21-May-16
Blast Time: 15:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 213 m
Boundary Layer Height: none m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: N
Temperature: 9.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extencicare**

	L_{aeq}	L_{peak} dB
Comfort Inn:	54.6 LAeq	100.0 dB
Edwards:	54.1 LAeq	96.4 dB
Fred:	43.8 LAeq	101.8 dB
Hollinger Office:	64.9 LAeq	99.2 dB
Noah:	60.2 LAeq	97.8 dB
Sandy:	45.8 LAeq	103.7 dB
Water Tower:	53.3 LAeq	105.2 dB
Wilson:	47.0 LAeq	97.9 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No Exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	n/a	n/a	2.0	2.4
Edwards:	8.0	8.7	7.5	10.1
Hollinger Office:	11.4	14.7	8.9	16.5
Hollinger Park:	8.1	9.0	7.8	13.8
Sandy:	8.5	11.7	6.7	12.1

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.4	1.1
Edwards:	0.8	1.0
Hollinger Office:	1.5	2.3
Hollinger Park:	1.0	2.0
Sandy:	3.4	10.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.4	0.3	0.6
Hollinger West:	1.5	0.8	0.4
Imerys:	0.3	0.3	0.3
Noah:	0.5	0.3	0.5
Moneta Pumping Station:	0.6	0.4	0.5
Sandy:	0.4	0.6	0.6
Water Tower:	0.5	0.2	0.7
Wilson:	0.6	0.5	0.9